

ECS Configuration Change Request

Page 1 of

Page(s)

1. Originator Salvatore Ciardo	2. Log Date: 2 FEB 00	3. CCR #: 00.0107	4. Rev: -	5. Tel: 301-925 0606	6. Rm #: 2038 F	7. Dept. DEV
8. CCR Title: Installation of EDG in the VATC PVC PVC D9						
9. Originator Signature/Date <i>Salvatore Ciardo</i> 1/31/00		10. Class II	11. Type: CCR	12. Need Date: 2/4/00 2/11/00 <i>re</i>		
13. Office Manager Signature/Date <i>Skip Luehan</i> 1/31/00		14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 28). Routine		
16. Documentation/Drawings Impacted: 920-TDP-002 Rev04 910-Tda-003 Rev 28 (see attachments)		17. Schedule Impact:		18. CI(s) Affected: N/A		
19. Release Affected by this Change: N/A		20. Date due to Customer: N/A		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) The EDG is needed in the PVC to allow the end user to search and order ECS product. A local installation is needed to prevent skewed measurements of the ECS response time during the execution of the performance verification tests.						
24. Proposed Solution: (use additional sheets if necessary) Install both the EDG and all the supporting COTS. List of COTS include: a) HDF C library, HDF4.1_r1; b) PERL 5.004_4; c) FreeWAIS, WAIS-0.5; d) Apache HTTP 1.3.9; e) GDBM 1.7.3. COTS are all freeware. Host machine to be p0tegy. SOS See additional sheet for detailed installation instructions.						
25. Alternate Solution: (use additional sheets if necessary) Search and order activity could still be executed using the B0SOT interface. However, presently B0SOT is not included in the ECS baseline anymore and as such is unsupported.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) The portion of the workload related to the data access and distribution activities could not be applied to the ECS system during the system performance verification tests.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Mr. McDonald</i> 2/2/00		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ECS/EDF/SCDV/M&O

ADDITIONAL SHEET

CCR #: 00-0107 Rev: Originator: Salvatore Ciardo

Telephone: 301 925 0606 Office: 2038F

Title of Change: Installation of EDG in the PVC

COTS location and customization (refer to the address above for links to each of the COTS below)

Note: COTS must be installed and configured before attempting the installation of EDG.

- 1) HDF C library version HDF4.1r1. Install in Directory: /ecs/cots/hdf/sun5/HDF4.1r1/. Install to host p0teg01. Additional installation instructions exist at URL: <http://lyta.gsfc.nasa.gov/~imsdev/dev/manuals/imsdesign-6-1.html>
- 2) PERL version 5.004_04. Install in directory /tools/perl/5.004_04/, automounted. Note that this is the version required by EDG. A PERL version 5.005_03 is already part of the PVC baseline.
- 3) FreeWAIS version WAIS-0.5. Directory /tools/WAIS-0.5, automounted.
- 4) Apache HTTP version 1.3.9. Directory /lab/apache_1.3.9. Install to host p0teg01. Note, need to install this as the user wwwuser. Make sure Perl is already automounted before attempting to build Apache. Additional, detailed instructions exist at URL: http://lyta.gsfc.nasa.gov/~imsdev/dev/manuals/imsdesign_preflight.html

GDBM version 1.7.3. Directory /tools/gdbm-1.7.3, automounted.

Installation instructions for EDG

Create 2 user accounts, imswwww and wwwuser.

The EDG client gets installed in the /home/imswwww account, and the apache web server (see below) is owned by the wwwuser account.

Detailed installation instructions for the EDG are available at the following address:

http://lyta.gsfc.nasa.gov/~imsdev/dev/manuals/imsdesign_install.html

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